



POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application no. 10/622,323 filed 7/17/2003 for the invention entitled:

Method and Apparatus for Rapidly and Accurately Determining a Time Constant from Cavity Ring-Down Data

hereby appoints Ron Jacobs, Reg. No. 50,142, Thomas J. McFarlane, Reg. No. 39,299, Marek Alboszta, Reg. No. 39,894, Robert Lodenkamper, Reg. No. 55,399, Kenneth M. Benderly, Reg. No. 51,453, and Miriam Kaplan, Reg. No. 55,315, as its agents to prosecute the attached application and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.

Please direct all communication relative to said application to the following correspondence address:

LUMEN INTELLECTUAL PROPERTY SERVICES, INC.

2345 Yale Street, Second Floor
Palo Alto, CA 94306
Phone: (650) 424-0100
Fax: (650) 424-0141

I am duly authorized to sign this instrument on behalf of assignee. I hereby declare that, to the best of my knowledge and belief, title is in the assignee and believe that said application has been assigned to assignee and that assignee therefore has the right to make this Power of Attorney and Exclusion of Inventor(s).

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNEE: Picarro, Inc.

Picarro
480 Oakmead Parkway
Sunnyvale, CA 94085

Official Authorized to Act on Behalf of Assignee:

Signature:

Neal

Date: Oct 7 '05

Name:

STEPHEN NEAL

Title:

CFO